

From: [Chen, Isaac](#)  
To: [Larsen, Brent](#); [Bogdan, Silvia](#); [Dwyer, Stacey](#); [Hayes, Mark](#); [Schwab, Kay](#)  
Subject: RE: C20170133 US EPA Reissue the NPDES General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas  
Date: Wednesday, August 09, 2017 8:21:00 AM  
Attachments: [image002.png](#)

---

b(5) [Redacted]  
[Redacted]

[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

[Redacted]  
[Redacted]

[Redacted]

[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]

b(5)  
)  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

---

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

---

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]  
[Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

---

**From:** James Bondy [<mailto:James.Bondy@LA.GOV>]  
**Sent:** Monday, August 07, 2017 2:15 PM  
**To:** Chen, Isaac <[Chen.Isaac@epa.gov](mailto:Chen.Isaac@epa.gov)>  
**Subject:** FW: C20170133 US EPA Reissue the NPDES General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas

Good afternoon Mr. Chen,

I am doing the consistency review for the above referenced NPDES General Permit renewal.

Please address the comment below rec'd from LDEQ regarding the addition of the toxicity testing requirement for pipeline brine in the renewal permit.

Thank you,  
Jim

Jim Bondy  
Coastal Resources Scientist

Louisiana Department of Natural Resources  
Office of Coastal Management  
(225) 342-3870



---

**From:** Elizabeth Hill  
**Sent:** Monday, August 07, 2017 1:46 PM  
**To:** James Bondy  
**Subject:** FW: C20170133 US EPA Reissue the NPDES General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas

According to Section VI.D.Miscellaneous Discharge, of the Fact Sheet, EPA has a concern that if brine used for pipeline preservation contains much higher dissolved solids than the receiving water, it may be toxic to aquatic life at times when a high volume of such brine is discharged. EPA proposes to add toxicity limitation for pipeline brine discharges. Commenters may provide 7-day chronic toxicity testing results to demonstrate an acceptable discharge rate and total dissolved solids of brine that will reasonably substitute the toxicity testing requirement.

The permit has the following limitation:

10. Miscellaneous Discharges. Pipeline Brines – Operator must demonstrate that brines used for pipeline/equipment preservation meet the following three criteria prior to applying as preservation fluids: 1) no free oil; 2) oil and grease concentration below 29 mg/l; and 3) no content of priority pollutants except in trace amounts. The operator must also conduct a 7-day chronic toxicity test (or a 48-hour test if the duration of total discharge is within 48 hours or a shorter period of duration) and determine the specific NOEC either prior to application of pipeline brine or prior to discharge of pipeline brine. The Operator must control the discharge rate to ensure the applicable critical dilution at the edge of 100 meters from the point of discharge (using CORMIX or other dispersion modelling) will not exceed its NOEC.

LDEQ offers the following comment:

The requirement is listed under "limitations", so it can be assumed a WET test failure is a violation of the permit. However, the permit leaves it up to the facility to determine the NOEC and critical dilution because EPA does not have procedures and/or data to appropriately calculate the endpoints. This puts an undue burden on the facility since there are so few labs that can conduct a WET test using effluent that is so high in TDS and chlorides. Additionally, several tests would need to be conducted to establish the appropriate NOEC and critical dilution, which immediately sets the facility up for a violation because it can be expected that a WET failure will need to occur in order to establish the correct NOEC.

---

**From:** James Bondy  
**Sent:** Tuesday, August 01, 2017 10:45 AM  
**To:** Elizabeth Hill  
**Subject:** FW: C20170133 US EPA Reissue the NPDES General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas

Hi Elizabeth,

Does the LPDES Group at LDEQ have any comments on this one?

Thanks,  
Jim

---

**From:** James Bondy  
**Sent:** Monday, July 17, 2017 9:10 AM  
**To:** 'David\_Walther@fws.gov'; 'seth\_bordelon@fws.gov'; 'twyla.cheatwood@noaa.gov'; Sydney Dobson; 'franks.jessica@epa.gov'; 'dnrpermits@usace.army.mil'; Elizabeth Hill; Dave Butler; 'gutierrez.raul@epa.gov'  
**Subject:** C20170133 US EPA Reissue the NPDES General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas

<http://ucmwww.dnr.state.la.us/ucmsearch/UCMRedir.aspx?url=http%3a%2f%2fdnrcum%2fucm%2fgroups%2fcoastalmanagement%2fdocuments%2focm%2f5881410.pdf>

Louisiana Department of Natural Resources Office of Coastal Management Consistency Transmittal (225)342-7591
Date: July 17, 2017
Consistency Number: C20170133
Applicant: U.S. Environmental Protection Agency

Project Description: Reissue the National Pollutant Discharge Elimination System (NPDES) General Permit No. GMG290000 for Oil and Gas Extraction in the Gulf of Mexico Offshore Louisiana and Texas			
Consistency Analyst: Jim Bondy			
Date received: July 12, 2017			
Public Comment Period expires: N/A (earliest decision date)			
Deadline for Agency comments: July 31, 2017			
OCM decision deadline: August 11, 2017			
A GIS review indicated that portion of this project may be on or near the following features: N/A			State Lands
		X	LDWF
		X	LDEQ
	X	For your information	X COE
	X	Please provide comments	X USFWS
		Please call to discuss	X NMFS
		X	EPA
			FI
		X	CPRA
			Atchafalaya Basin Program
			Parish

---

#### CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

#### COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.

---

#### CONFIDENTIALITY NOTICE

This email communication may contain confidential information which also may be legally privileged and is intended only for the use of the intended recipients identified above. If you are not the intended recipient of this communication, you are hereby notified that any unauthorized review, use, dissemination, distribution, downloading, or copying of this communication is strictly prohibited. If you are not the intended recipient and have received this communication in error, please immediately notify us by reply email, delete the communication and destroy all copies.

#### COMPUTER SYSTEM USE/CONSENT NOTICE

This message was sent from a computer system which is the property of the State of Louisiana and the Department of Natural Resources (DNR). It is for authorized business use only. Users (authorized or unauthorized) have no explicit or implicit expectation of privacy. Any or all uses of this system and all files on this system may be intercepted, monitored, recorded, copied, audited, inspected, and disclosed to Department of Natural Resources and law enforcement personnel. By using this system the user consents to such interception, monitoring, recording, copying, auditing, inspection, and disclosure at the discretion of DNR.